



# PRE-PHYSICAL THERAPY

## Pre-Professional Health Sciences Program

### BIOLOGY CORE REQUIRED COURSES

Course #	Course Description	Credits
BIOL 173	Concepts in Biology	4
BIOL 174	Concepts in Biology Seminar	1
BIOL 215	Organismal Biology	4
BIOL 219	Life Science Practicum	1
BIOL 240	Molecular & Cellular Biology	4
BIOL 255	Biology Research Seminar	1
BIOL 305	Biology Professions Seminar	1
BIOL 485	Faith, Science, and Ethics	2
CHEM 223	General Chemistry I	4
CHEM 224	General Chemistry II	4
STAT 220	Inferential Statistics	2

### PRE-PT TRACK REQUIRED COURSES

Course #	Course Description	Credits
BIOL 437	Advanced Human Anatomy	4
BIOL 447	Advanced Human Physiology	4
MATH 150	Elements of Calculus	3-4
<b>OR</b> MATH 185	Calculus I	
PHYS 151/253	College Physics I Lecture and University Physics I Lab	4
PHYS 162/263	College Physics II Lecture and University Physics II Lab	4
PSYC 101	General Psychology	3

### RECOMMENDED ADDITIONAL COURSES

Course #	Course Description	Credits
PSYC 202	Developmental Psychology	3
PSYC 331	Abnormal Psychology	3
BIOL 317	Developmental & Stem Cell Biology	4
BIOL 478	Advanced Neurobiology	4

Recommended minors include  
**Kinesiology and Exercise Science OR  
Psychology**

### KINESIOLOGY AND EXERCISE SCIENCE MINOR

*A minor consists of 17 total SH*

Course #	Course Description	Credits
BIOL 145	Nutrition Fundamentals	2
HE 201	First Aid	1
HE 301	Athletic Training	2
PE 210	Sophomore Practicum: KES	1
PE 302	Motor Learning	2
PE 414	Biomechanics of Sport	2
PE 415	Exercise Physiology of Sport	3
PEM 143	Fitness, Conditioning, and Strength Training	2
PE 416	Fitness Administration & Assessment	2

### PSYCHOLOGY MINOR

*A minor consists of 18 total SH*

Course #	Course Description	Credits
PSYC 101	General Psychology	3
PSYC 202	Developmental Psychology	3
PSYC 221	Social Psychology	3
PSYC 231	Applied Behavior Analysis	3
PSYC 331	Abnormal Psychology	3
	PSYC Elective	3

### BE WELL PREPARED AT EMU FOR PT SCHOOL WITH:

- ▶ **Clinical experience/job shadowing**
- ▶ **Faculty mentoring**
- ▶ **Real-world research**
- ▶ **Mock interview**